

MJP  
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Chiyoaki IJIMA

Attn: Box Missing Parts

Application No.: 10/004,660

Filed: December 10, 2000

Docket No.: 111350

For: LIQUID CRYSTAL DISPLAY DEVICE AND ELECTRONIC EQUIPMENT

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
WITH DECLARATION AND TRANSLATION**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted (copy attached) mailed on February 21, 2002, submitted herewith are the executed Declaration of the inventor and, upon information and belief, an accurate translation of the application. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application. We also attach substitute drawings in compliance with 37 C.F.R. §1.84.

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER TRANSLATION	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL CLAIMS	*20 MINUS	**20	=0	x 9	\$		x 18	\$
INDEP CLAIMS	*3 MINUS	***3	=0	x 42	\$		x 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 140	\$	OR	+280	\$
					\$			\$ 0

\* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

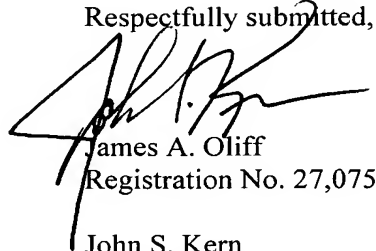
The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

Attached is our Check No. 129792 for ☒\$260.00 ☐\$195.00 (entitlement to small entity status is asserted) for the fee under 37 C.F.R. §1.16(e) and §1.17(k) and any excess claim fees noted above.

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notice to File Missing Parts. Examination and allowance of this application in due course are respectfully solicited.

The Director is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719

JAO:JSK/kap

Date: April 16, 2002

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**

Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

# 8  
Refund  
Account  
# 12/10

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Chiyoaki IJIMA

ATTN: Refund Section  
Accounting Div.  
Office of Finance

Application No.: 10/006,660

Docket No.: 111350

Filed: December 10, 2000

For: LIQUID CRYSTAL DISPLAY DEVICE AND ELECTRONIC EQUIPMENT

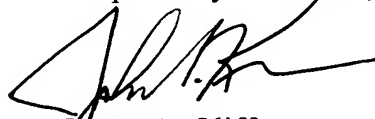
**REQUEST FOR REFUND**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

A check in the amount of \$974 (copy of Check No. 125737 attached) was filed with the above-identified Application on December 10, 2001 (filing transmittal attached). Upon receipt of the translation of the Japanese language Application, we discovered that the total number of claims was 19, not 33 as originally filed and paid for. Therefore, we respectfully request a refund to Deposit Account No. 15-0461 in the amount of \$234, corresponding to the 13 claims in excess of 20 inadvertently paid for. Additionally, we request that the Patent Office acknowledge this credit in writing.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719

JAO:JSK/kap

Attachments:

Copy of Check No. 125737  
Transmittal

Date: April 16, 2002

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--

**NONPROVISIONAL PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787

Attorney Docket No.: 111350Date: December 10, 2001**BOX PATENT APPLICATION**Customer Number: 25944**NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): LIQUID CRYSTAL DISPLAY DEVICE AND ELECTRONIC EQUIPMENTBy (Inventors): Chiyoaki IJIMA

- ☒ Formal drawings (Figs. 1-33; 29 sheets) are attached.  
☐ Use Figure \_\_\_\_\_ for front page of Publication.  
☐ A Declaration and Power of Attorney is filed herewith.  
☒ This patent application is assigned to SEIKO EPSON CORPORATION.  
☐ The executed Assignment is filed herewith.  
☐ An Information Disclosure Statement is filed herewith.  
☐ Entitlement to small entity status is hereby asserted.  
☐ A Preliminary Amendment is filed herewith.  
☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_--  
☒ Priority of foreign applications No. 2000-390419 filed December 22, 2000 in Japan, No. 2001-188179 filed June 21, 2001 in Japan, No. 2001-322670 filed October 19, 2001 in Japan and No. 2001-367090 filed November 30, 2001 in Japan is claimed (35 U.S.C. §119).  
☐ A certified copy of the above corresponding foreign application(s) is filed herewith.  
☐ This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.  
☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	33 - 20	= 13
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

**SMALL ENTITY**

RATE	FEE
	\$ 370
x 9 =	\$
x 42 =	\$
+ 140 =	\$
TOTAL	\$

**OTHER THAN A  
SMALL ENTITY**

RATE	FEE
	\$ 740
x 18	\$ 234
x 84	\$
+ 280	\$
TOTAL	\$ 974

- ☒ Check No. 125737 in the amount of \$974.00 to cover the filing fee is attached. Except as otherwise noted herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

Eric D. Morehouse  
Registration No. 38,565

OLIFF & BERRIDGE, PLC  
277 S. WASHINGTON STREET  
ALEXANDRIA, VA 22314  
(703) 836-6400

PTO Account  
First Virginia Bank  
Falls Church, VA 22042

CHECK NO. 125737  
68-111/560

DOCKET NO. 111350

CHECK DATE

CHECK AMOUNT

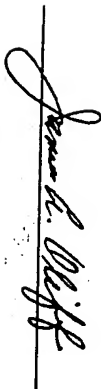
12/10/01

974.00

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Not to Exceed \$5,000.00

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Director of the U.S. Patent  
and Trademark Office  
Washington, DC 20231



THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

125737 05600118 0924 4697

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILED/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/006,660	12/10/2001	Chiyoaki Iijima	111350

25944  
OLIFF & BERRIDGE, PLC  
P.O. BOX 19928  
ALEXANDRIA, VA 22320

CONFIRMATION NO. 2201

## FORMALITIES LETTER



\*OC000000007506215\*

Date Mailed: 02/21/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- **The balance due by applicant is \$ 260.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text) , see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1);

04/18/2002 NMOHAMM1 00000066 10006660

01 FC:105 130.00 OP  
02 FC:139 130.00 OP

*A copy of this notice **MUST** be returned with the reply.*

M. Dechat

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

2025-04-09 10:00 AM